Event

MPTS IJET
AN 3106
OFT

Mission

AIRWAYS NAVIGATION SIMULATOR

1.5 HOURS/X

ORM

AN 3106

- **OPERATIONAL REQUIREMENTS / LIMITATIONS**
  - **CREW REST/ CREW DAY / WORK WEEK**
  - **WARM-UP ELIGIBILITY**
  - **PREVIOUS FLIGHT COMPLETE?**
  - **IP CURRENCY**
  - **READ AND INITIAL**

- **HUMAN FACTORS**
  - **LIFE STRESSORS / EXTERNAL FACTORS/ PERSONAL PROBLEMS**
  - **MEDICAL STATUS**
    - **CREW DAY**
    - **CREW REST**
    - **NOURISHMENT**
    - **HYDRATION**

- **HAZARDS AND CONTROLS**
  - **ROUTINE**
  - **WEATHER**
    - **CURRENT OBSERVATIONS AND FORECASTS**
    - **CROSSWINDS**
    - **FUEL CONSIDERATIONS**

TTO

AN 3106

- **WHO WILL CALL A TTO?**

- **WHAT SITUATIONS WILL THE TTO BE CALLED?**
  - **SAFETY**
  - **CONFUSION**
  - **MISUNDERSTANDING**

- **IP RESPONSIBILITIES**
  - **RECOGNIZE THE NEED FOR A TTO**
  - **EXPLANATION / INSTRUCTION AS NECESSARY**
  - **DOCUMENTATION ON ATF**

- **WHEN AND HOW WILL TRAINING RESUME?**

ADMIN

AN 3106

- **QOD**
  - **NATOPS**
  - **EP**
  - **SOP**
- **PREREQUISITES**
  - **AN 3105**
- **MISC.**
  - **EVENT DURATION MUST BE AT LEAST 0.75 OF SYLLABUS TIME TO BE COMPLETE (1.1 HRS).**
  - **AN EVENT DURATION THAT DEVIATES GREATER THAN 0.3 HOURS FROM SYLLABUS TIME MUST HAVE THE REASON ANNOTATED ON THE GRADE SHEET.**

SYLLABUS NOTES

AN 3106

- **SNA'S SHALL BRING A COPY OF THEIR DD-175 AND SINGLE ENGINE JET LOG TO ALL SIMULATOR EVENTS FOR INSTRUCTOR USE.**
- **THE HUD WILL BE AVAILABLE FOR USE ON ALL AN STAGE SIMULATORS.**
- **AN3102 AND AN3104-6 SHALL BE FLOWN IN THE OFT.**
- **AN3106 MAY BE FLOWN AT NIGHT.**

SYLLABUS NOTES

AN 3106

- **DURING THIS BLOCK, STUDENTS SHALL FLY AT LEAST THE APPROACHES LISTED BELOW:**
  - **TACAN/VOR DME 2 FULL PANEL/1 PARTIAL PANEL**
  - **VOR 1 FULL PANEL/1 PARTIAL PANEL**
  - **ASR 2 FULL PANEL**
  - **ILS 3 FULL PANEL/1 PARTIAL PANEL**
  - **PAR 1 FULL PANEL/1 PARTIAL PANEL**
  - **NO-GYRO GCA 2**
  - **STAR 1**
  - **LOW OIL APPROACH 1**
  - **MIN FUEL/EMERGENCY FUEL APPROACH 1**
  - **CIRCLE-TO-LAND 1**

RECOMMENDED FLIGHT CONDUCT

AN 3106

PREPARE A CROSS COUNTRY DD-175 & JET LOG FROM NAS MERIDIAN, MS (NMM) TO GULFPORT-BILOXI INTERNATIONAL, MS (GPT). CHOOSE AN ALTERNATE AIRFIELD BASED ON ATTACHED DD-175-1 & NOTAM INFORMATION.

DEPARTURE: NMM RADAR DEPARTURE

ENROUTE: ROUTE OR DESTINATION CHANGES AT INSTRUCTOR'S DISCRETION

ARRIVAL: GPT - STUDENT'S DISCRETION

NOTES: APPROACH REQUIREMENTS: AS REQUIRED TO MEET OUTSTANDING APPROACH MINIMUMS & MIF

- ADVISE YOUR IP – HOW MANY/WHAT TYPE OF APPROACHES REMAIN PRIOR TO END OF BLOCK.

DD-175-1 & NOTAMS

AN 3106

FLIGHT WEATHER BRIEFING

PART I - TAKEOFF DATA

1. DATE	2. ACFT TYPE/NO.	3. DEP PT/ETD	4. RWY TEMP	5. DEWPOINT	6. TEMP DEV	7. PRES ALT	8. DENSITY ALT
15 JAN 2011	T-45C	NMM ------ Z	80 °F/◑	75 °F/◒	+21	500 FT	550 FT

9. SFC WIND	10. CLIMB WINDS	11. LOCAL WEATHER WATCH/WARNING/ADVISORY	12. RSC/RCR
M 160 12 G 15 T	CALM	NONE	19

13. REMARKS/TAKEOFF ALTN FCST
NOT REQUIRED. LOCAL ALTIMETER 30.03"

PART II - ENROUTE & MISSION DATA

14. FLT LEVEL/WINDS/TEMP ☐ SEE ATTACHED
FL 200-240 260 / 25 KTS -10C

15. SPACE WEATHER

	NO IMPACT	MARGINAL	SEVERE
FREQ			
GPS			
RAD			

16. SOLAR/LUNAR — LOCATION

BMNT	Z		
SR	Z	MR	Z
SS	Z	MS	Z
EENT	Z	ILLUM	%

17. CLOUDS AT FLT LEVEL: ☒ YES ☐ NO ☒ IN AND OUT

18. OBSCURATIONS AT FLT LEVEL RESTRICTING VISIBILITY: ☒ YES ☐ NO TYPE THIN CIRRUS

19. MINIMUM CEILING - LOCATION — FT AGL

20. MAXIMUM CLOUD TOPS - LOCATION — FT MSL

21. MINIMUM FREEZING LVL - LOCATION — FT MSL

22. THUNDERSTORMS — CHART: ☒ NONE ☐ AREA ☐ LINE

ISOLATED 1 - 2%	
FEW 3 - 15%	
SCATTERED 16 - 45%	
NUMEROUS - MORE THAN 45%	

HAIL, SEVERE TURBULENCE & ICING, HEAVY PRECIPITATION, LIGHTNING & WIND SHEAR EXPECTED IN AND NEAR THUNDERSTORMS.
LOCATION: NONE

23. TURBULENCE — CHART

	NONE	IN CLEAR	IN CLOUD
LIGHT			☒
MODERATE			
SEVERE			
EXTREME			

LEVELS: ABOVE FL 300
LOCATION:

24. ICING — CHART

	NONE	RIME	MIXED	CLEAR
TRACE		☒		
LIGHT				
MODERATE				
SEVERE				

LEVELS: 10,000-15,000'
LOCATION: EAST MS / WEST AL

25. PRECIPITATION — CHART

	NONE	DRIZZLE	RAIN	SNOW	PELLET
LIGHT					
MODERATE			☒		
HEAVY					
SHOWERS					
FREEZING					

LOCATION: SOUTH LA - AL / WEST FL

PART III - AERODROME FORECASTS

26.	27. VALID TIME	28. SFC WIND	29. VSBY/WEA	30. CLOUD LAYERS	31. ALTIMETER	RWY TEMP	PRES ALT
DEST/~~ALTN~~ GPT	Z TO Z ---- ----	360/ 10 M T	1 3/4 -RA	BKN 005 OVC 012	INS 30.07	°F/◑ 75	FT 400
~~DEST~~/ALTN NBG	Z TO Z ---- ----	360 / 05 M T	1 3/4 -RA	BKN 005 OVC 012	INS 30.07	°F/● 75	FT 400
~~DEST~~/ALTN NPA	Z TO Z ---- ----	030 / 12 M T	1 1/2 -RA	BKN 004 OVC 011	INS 30.06	°F/◑ 75	FT 400
~~DEST~~/ALTN MSY	Z TO Z ---- ----	360 / 05 M T	1 1/2 -RA FG	BKN 004 OVC 012	INS 30.07	°F/◑ 75	FT 400
DEST/ALTN	Z TO Z ---- ----	M T			INS	°F/C	FT
DEST/ALTN	Z TO Z	M T			INS	°F/C	FT
DEST/ALTN	Z TO Z	M T			INS	°F/C	FT
DEST/ALTN	Z TO Z	M T			INS	°F/C	INS

PART IV - COMMENTS/REMARKS

32. BRIEFED RSC/RCR: ☒ YES ☐ NOT AVAILABLE — 33. PMSV — 34. ATTACHMENTS: ☐ YES ☒ NO

35. REMARKS
IC: NMM 19L

PART V - BRIEFING RECORD

36. WX BRIEFED TIME	37. FLIMSY BRIEFING NO.	38. FORECASTER'S INITIALS	39. NAME OF PERSON RECEIVING BRIEFING
Z	15-006	RJD	----------YOU--------
40. VOID TIME	**41. EXTENDED TO/INITIALS**	**42. WX REBRIEF TIME/INITIALS**	**43. WX DEBRIEF TIME/INITIALS**
Z	Z	Z	AN3106 SIMULATOR Z

DD FORM 175-1, OCT 2002 PREVIOUS EDITION MAY BE USED. Reset

AN3106 SIMULATOR NOTAMS NMM , GPT , NBG , NPA , MSY

Data Current as of: DATE OF YOUR FLIGHT

NMM MERIDIAN NAS /MC CAIN FIELD/

NONE

GPT GULFPORT-BILOXI INTL

!GPT 12/031 (KGPT A0617/10) GPT RWY 18/36 CLSD WEF

!GPT 11/046 GPT RWY 14/32 PAEW ADJ

!GPT 11/038 (KGPT A0582/10) GPT NAV RWY 32 ILS GP OTS TIL ------

NBG NEW ORLEANS NAS JRB/ALVIN CALLENDER FIELD/

M0329/10 - RUNWAY CLOSED 14/32 UNTIL FURTHER NOTICE CREATED: 15 JAN 14:02 2011

M0307/10 - GROUND FREQUENCY 382.8 OTS UFN. CONTACT GROUND ON FREQUENCY 308.4

NPA PENSACOLA NAS/FORREST SHERMAN FIELD/

M0293/10 - TRANSIENT SERVICE NOT AVAILABLE. 0300-1300 Z

MSY LOUIS ARMSTRONG NEW ORLEANS INTL

!MSY 01/02(KMSY A0774/10) MSY NAV RWY 1 ILS GP OTS WEF ----

!MSY 12/041 (KMSY A0808/10) MSY RWY 6/24 CLSD BTN RWY 1/19 AND TWY S TIL ---

!MSY 12/039 (KMSY A0806/10) MSY TWY D CLSD N OF RWY 10/28 TIL -----

!FDC 0/7962 (KMSY A0612/10) MSY FI/T LOUIS ARMSTRONG NEW ORLEANS INTL, NEW ORLEANS, LA. RNAV (GPS) RWY 19, AMDT 2... LPV DA 374/HAT 374 ALL CATS. VIS RVR 6000 ALL CATS. LNAV MDA 560/HAT 560 ALL CATS. VIS CAT C 1 1/2, CAT D 1 3/4. CIRCLING CATS A/B/C MDA 560/HAA 556, CAT D 620/HAA 616. VDP 1.60 MILES TO RW19. INOPERATIVE TABLE DOES NOT APPLY TO LPV, LNAV/VNAV AND LNAV CATS C/D. TEMP CRANE 2.20 NM N OF RWY 19.

SSR/DISCUSS ITEMS

AN 3106

- **SPECIAL SYLLABUS REQUIRMENTS:**
  - **NONE**
- **DISCUSS ITEMS:**
  - **QOD**
  - **EN ROUTE WEATHER UPDATES**
  - **IN-FLIGHT FUEL CALCULATIONS.**

AN 3106

BLOCK MIF

CTS REF	MANEUVER	AN3106
1	General Knowledge/Procedures	4+
2	Emergency Procedures	3+
3	Headwork/Situational Awareness	3+
4	Basic Airwork	4+
5	Mission Planning/Briefing/Debriefing	4+
6	Communications	3+
7	Ground Operations	4+
8	Flight Admin	4+
3	Lost Communications	4+
10	Takeoff	4+
11	Departure	4+
12	Enroute Navigation	4+
12	Point-to-Point Navigation	3+
1 8	Route/Destination Change	3+
15	Holding	4+
13	Descent/Field Entry	4+
12	STAR	3+
17	Precision Approach	4+
18	Non-Precision Approach	4+
17 18 5	Partial Panel Approach	4+
21	Min/Emergency Fuel Approach	4+
12	Low Oil Approach	4+
17	No-Gyro GCA	4+
19	Circling Approach	3+
20	Missed Approach	4+
20 5	Partial Panel Missed Approach	4+
23	Landings	3

STANDARD DEBRIEFING FORMAT

AN 3106

- THE FLIGHT LEAD OR PILOT-IN-COMMAND IS RESPONSIBLE FOR ENSURING ALL FLIGHT OR CREWMEMBERS ARE THOUROUGHLY DEBRIEFED ON THE CONDUCT OF THE MISSION UTILIZING THE "S-P-B-E-MS-LL" FORMAT OUTLINED BELOW.

I. SAFETY
II. PLANNING
III. BRIEF
IV. EXECUTION
V. MISSION SUCCESS
VI. LESSONS LEARNED